

## IL-7 Polyclonal Antibody

**catalog number: AN007270L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

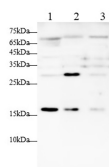
### Description

<b>Reactivity</b>	Human;Mouse
<b>Immunogen</b>	Recombinant Mouse IL-7 protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:500-1:1000

### Data



Western blot with Anti IL-7 Polyclonal antibody at dilution of 1:1000. Lane 1: 293 cell lysate, Lane 2: SH-SY5Y cell lysate, Lane 3: NIH/3T3 cell lysate.

**Observed-MW:20 kDa**

**Calculated-MW:18 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

Interleukin-7 (IL7) is a cytokine important for B and T cell development. IL7 plays an active role in the development, survival, maintaining and restoring homeostasis of mature T lymphocytes. It is also a key regulator of the commitment, survival, proliferation and maturation of B cells during development. Furthermore, IL7 can improve the antiviral function and expansion of natural killer (NK) cells and regulate the development and differentiation of dendritic cells. IL7 has also been reported as a regulator of the development of central nervous system and myogenesis and skeletal muscle cell migration.

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